

# INCIDENT ACTION PLAN

Be brief and concise with your entries

<b>Location</b> <b>Bayou Corne</b> <b>Sink Hole</b>	<b>Control Level</b> <b>Company Supervisory</b>	<b>Operational Period</b> <b>From 2/24/14</b> <b>To 2/25/14</b>
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<b>1.0 SITUATION</b> Disease, community, environment  PROMPTS: Weather, disease trends, Resources, Hazards & safety  REFERENCE: Maps, weather reports, Sitreps, appreciation, warnings, alerts	<b>CURRENT</b> Fog
	<b>PREDICTION</b> Cloudy in the morning with isolated thunderstorms developing later in the day. 30% chance of precipitation. High Temperature near 69.
<b>2.0 OBJECTIVES (or MISSION)</b>  PROMPTS: Time & space  REFERENCE: Appreciation – control options, courses open to disease	<b>CURRENT</b> <b>Objective 1</b> - Demonstrating sinkhole containment and determining if additional sinkholes could form.  <b>Objective 2</b> - Locating and mitigating the risk posed by the presence of shallow gas.  <b>Objective 3</b> - Confirming the broader stability of the Napoleonville Salt Dome.  <b>Current Actions:</b> <b>(For planning purposes only, all activities are subject to change.)</b>  <u><b>ORW, MRAA, CPT and PVW wells</b></u> <ul style="list-style-type: none"> <li>- Conduct daily well readings and flare maintenance</li> <li>- Monitor Bubble site 56</li> <li>- Monitor passive vent wells</li> <li>- Begin pump test at ORW-21. Water storage tank will be emptied as necessary via vac truck.</li> <li>- Continue piping connections in preparation of future dewatering activities.</li> <li>- Conduct preliminary pump testing at ORW-16 to assess well conditions in preparation of upcoming dewatering activities.</li> </ul> <u><b>Air Monitoring/Under-slab Ventilation</b></u> <ul style="list-style-type: none"> <li>- Conduct ventilation system inspections</li> </ul> <u><b>Containment/ Roads/ Sinkhole</b></u> <ul style="list-style-type: none"> <li>- Daily berm inspections</li> <li>- Mobilize geotechnical crew to site to begin geotechnical borings</li> <li>- Repair washouts on new south berm</li> <li>- Install settlement plates along new south berm</li> </ul> <u><b>Sampling/Surveying/Instrumentation</b></u> <ul style="list-style-type: none"> <li>- Survey the old south berm, north berm, and settlement rods around ORWs 21 &amp; 38</li> </ul> <u><b>Tomorrow's Activities</b></u> <ul style="list-style-type: none"> <li>- Continue ventilation system inspections</li> <li>- Conduct daily well readings and flare maintenance</li> </ul>

	<ul style="list-style-type: none"> <li>- Conduct daily berm inspection</li> <li>- Monitor Bubble site 56</li> <li>- Continue daily monitoring of Passive Vent Wells</li> <li>- Continue ORW-21 pump test</li> <li>- Collect weekly outfall samples</li> <li>- Conduct in-situ monitoring of industrial water wells</li> <li>- Begin monthly MRAA sampling event</li> <li>- Continue geotechnical borings along the new south berm</li> </ul>
	<b>Sinkhole Activity – Code 1</b>
<b>3.0 EXECUTION</b> add safety information as appropriate	
<b>GENERAL OUTLINE</b>  PROMPTS: Strategies & tactics (current/proposed/alternate)  REFERENCE: Appreciation, Control Options	<b>Safety Information: See Attached Safe Work Rules</b> <b>Reference IAP dated 8/9/12</b> <b>Additional to our Safe Work Rules for this project we are adding the awareness of insects, reptiles and animals.</b> <b>Inspect location for flammability</b> <b>Daily Safety Meetings</b> <b>PPE Required on site: Respirator w/ VOC Cartridge, Gloves for sampling, eye protection, life preservers, hearing protection.</b>
<b>GROUPINGS</b>	<b>NA</b>
<b>TASKS</b> Including PR & Media	<b>Same as above</b>
<b>COORDINATING INSTRUCTIONS</b>  PROMPTS: Timings, routes, assembly areas, staging areas	<b>Texas Brine Grand Bayou Facility will be used as staging area.</b>
<b>4.0 ADMINISTRATION</b> (Logistics support)  PROMPTS: Unit names, locations, contact names, phone no's, timings, duties/tasks, routes, suppliers, quantities, status (required, organised, stand by, enroute)	
<b>SUPPLY</b> WHO, WHAT, WHERE, WHEN	<b>NA</b>

of resources not readily available	
<b>GROUND SUPPORT</b> Transport of personnel, traffic mgt, refuelling, mechanical repair/maintenance	<b>NA</b>
<b>COMMUNICATIONS</b> Installation, maintenance, technical advice	<b>Cell Phone &amp; Landline Communications:</b> <b>Kenneth Blanchard – Area Manager –</b> [REDACTED] <b>kblanchard@texasbrine.com</b> <b>Scott Borne – Facility Manager –</b> [REDACTED] <b>sborne@texasbrine.com</b> <b>Joel Miller, PE – Consultant –</b> [REDACTED] (b) (6) (b) (6) <b>Bruce Martin – Operations/PR –</b> [REDACTED] <b>bmartin@texasbrine.com</b> <b>Mark Cartwright – Technical/Engineering –</b> [REDACTED] <b>mcartwright@unitedbrine.com</b> <b>Scott Whitelaw – Environmental/Safety –</b> [REDACTED] <b>swhitelaw@tum.com</b>
<b>STAGING AREA/ FCP</b> Setting up, communications, staffing	<b>Texas Brine Grand Bayou Facility</b> <b>1301 Hwy 70 South, Belle Rose, La 70341</b>
<b>5.0 ADMINISTRATION</b> (Logistics services)  PROMPTS: Unit names, locations, contact names, phone no's, timings, duties/tasks, routes, suppliers, quantities, status (required, organised, stand by, enroute)	
<b>FACILITIES</b> Security, waste, cleaning	<b>NA</b>
<b>CATERING</b>	<b>NA</b>
<b>OH&amp;S/MEDICAL</b> Medical plan, first aid plan	<b>Call 911</b>
<b>FINANCE</b>	<b>NA</b>
<b>TRAVEL</b>	<b>NA</b>
<b>INDUCTION/ TRAINING</b>	<b>NA</b>

ACCOMMODATION	NA
<b>6.0 CONTROL, COORDINATION &amp; COMMUNICATION</b>	
<b>CONTROL &amp; COORDINATION STRUCTURE</b>  REFERENCE Structural Chart	<b>Plant Management Supervision / Contractor Work</b>
<b>COORDINATION &amp; LIAISON</b>  Local knowledge, police, agency reps, emergency mgt reps	NA
<b>COMMUNICATIONS</b>  PROMPTS Communications structure, operational comms plan, information mgt	<b>Plant Management – Contractor Communication via Cell Phone</b>

<b>EXTRAS</b>	
<b>Attachments</b> PROMPTS: maps, weather, organisational charts, resources, comms diagram	<b>Current Weather</b> <b>Safe Work Rules</b>
<b>Plan developers</b> PROMPTS PO, Logs Mgr, Controller	NA
<b>Approval</b> Controller, Ops Director	<b>TBC Company Rep: William Booher</b> <b>FOSC:</b> <b>SOSC:</b> <b>POSC:</b>